

19990822.qrp v01\_n556.qrl.990822

Date: Sun, 22 Aug 1999 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1556

QRP-L Digest 1556

Topics covered in this issue include:

- 1) [48161] DX Expedition lists or information ?  
by Stanley Wilson <microres@crl.com>
- 2) [48162] Re: FS: Ryan QRP XMTR  
by Stanley Wilson <microres@crl.com>
- 3) [48163] Re: DX Expedition lists or information ?  
by "Vincent Ferme" <vferme@sprint.ca>
- 4) [48164] Re: DX Expedition lists or information ?  
by GElam30092@aol.com
- 5) [48165] WTB : Vibroplex Iambic Paddle  
by KF4EIB@aol.com
- 6) [48166] Re: DX Expedition lists or information ?  
by wa8rxi@juno.com
- 7) [48167] cheap carrying box  
by GElam30092@aol.com
- 8) [48168] finding mini altoids tins  
by Michael Bower <bowerm@ix.netcom.com>
- 9) [48169] Re: finding mini altoids tins  
by GElam30092@aol.com
- 10) [48170] Re: DX Expedition TE8CI  
by Stanley Wilson <microres@crl.com>
- 11) [48171] HELP: OHR-400 Drift Problems  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 12) [48172] HELP:OHR-400 Drift Problems  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 13) [48173] OT: 811 as audio tube...  
by Mighty Mik <mitymik@wenet.net>
- 14) [48174] SOLAR: Big flare today  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 15) [48175] Clegg FM-27B Manual  
by dfirlik@juno.com
- 16) [48176] Re: DX Expedition lists or information ?  
by Bob Kimbrell <kimbrell@netcom.com>
- 17) [48177] NC-20 - Section 6 VFO frequency  
by Dave Redfearn <n4elm@texoma.net>
- 18) [48178] Re: DSW-XX and RHR owners  
by Don Trammell <dtrammel@traveller.com>
- 19) [48179] QRP Design

- by "Mark Bellamy" <mark@intermediatn.net>
- 20) [48180] Re: OT: 811 as audio tube...  
by Bob Kimbrell <kimbrell@netcom.com>
- 21) [48181] Heath HW-7/8/9 P/S pricing  
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 22) [48182] OT: AEA CK-1 Keyer  
by Danny K Ayers <dannyayers@juno.com>
- 23) [48183] Re: ARCTIME: GROUP BUY UPDATE #4  
by Phil Wheeler <w7ox@mindspring.com>
- 24) [48184] Command Post Update  
by "Marshall Emm" <mgemm@ntechnologies.com>
- 25) [48185] Re: Wrangell Island 03-19 Sept.99  
by DONALD I ROHER <donroher@juno.com>
- 26) [48186] Re: Wrangell Island 03-19 Sept.99  
by DONALD I ROHER <donroher@juno.com>
- 27) [48187] VK5FE/QRP  
by charles k brown <n4so@juno.com>
- 28) [48188] Simple mod for jumpy KC-2 S-meter  
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 29) [48189] Scout Modules Wanted.  
by Jim Fielden <fielden@utkx.utcc.utk.edu>
- 30) [48190] KH7L Kure Island  
by charles k brown <n4so@juno.com>
- 31) [48191] Re: ARCTIME: GROUP BUY UPDATE #4  
by "Dave Fifield" <fifield@pacbell.net>
- 32) [48192] Clock Accuracy  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 33) [48193] Re: DSW-XX and RHR owners  
by w4bws@juno.com
- 34) [48194] hu4u or ea4ure  
by bob evinger <revinger@earthlink.net>
- 35) [48195] Re: hu4u or ea4ure  
by Dave Sjolín <sjolin@swbell.net>
- 36) [48196] Re: ARCTIME: GROUP BUY UPDATE #4  
by Phil Wheeler <w7ox@mindspring.com>
- 37) [48197] Re: OT: 811 as audio tube...  
by w4bws@juno.com
- 38) [48198] Re: DSW-XX and RHR owners  
by Tom M <tjmc@erols.com>
- 39) [48199] Re: [DISASTER]  
by Roy Lincoln <wa4dou@usa.net>
- 40) [48200] Re: ARCTIME: GROUP BUY UPDATE #4  
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 41) [48201] SV: DISASTER  
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 42) [48202] Re: wwwb receiver from parallax  
by pilant@seesaw.zko.dec.com (L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529)
- 43) [48203] KL Net Tonight, August 15 Report

by Robert L Kellogg <ae4ic@nr.infi.net>  
44) [48204] OT: A smile is worth 1000 words  
by Jeff Grudin <grudin@vdb.com>  
45) [48205] Re: finding mini altoids tins(Mini-L project)  
by K2UD@aol.com  
46) [48206] MFJ Hi-Q Loop Antennas  
by "Tom McCulloch" <tmccullo@suffolk.lib.ny.us>

-----  
Date: Sat, 21 Aug 1999 16:05:09 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: qrp-1@Lehigh.EDU  
Subject: [48161] DX Expedition lists or information ?  
Message-ID: <Pine.SUN.3.91.990821160127.6448B-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there a web site that lists current DX expeditions ?

I checked the ARRL, but not much. When I use to chase DX their were a few who published weekly lists, does that still go on ??

Anyway worked a TE8CI who said he was on a DX expedition, but web and arrl search came up with nothing.

Thanks lots of strange calls on the band anymore.

de stan ak0b

-----  
Date: Sat, 21 Aug 1999 16:01:17 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: K2UD@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48162] Re: FS: Ryan QRP XMTR  
Message-ID: <Pine.SUN.3.91.990821160039.6448A-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

these are also available from Fair Radio look under QRP modules.

Very nice design, but single band

-----

Date: Sat, 21 Aug 1999 19:43:59 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <microres@crl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48163] Re: DX Expedition lists or information ?  
Message-ID: <002001beec2f\$0d080500\$153167d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Stan,

Point your browser to [www.dxbands.com](http://www.dxbands.com) .

73 de Vince, VE3VFN.

-----  
Date: Sat, 21 Aug 1999 20:11:24 EDT  
From: GElam30092@aol.com  
To: microres@crl.com, qrp-1@lehigh.edu  
Subject: [48164] Re: DX Expedition lists or information ?  
Message-ID: <8ea115b9.24f09a2c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 8/21/99 4:11:17 PM US Mountain Standard Time,  
microres@crl.com writes:

<< I checked the ARRL, but not much. When I use to chase DX their were a  
few who published weekly lists, does that still go on ?? >>

Did you look at <http://www.arrl.org/w1aw/dx/> ? Is this what you're  
looking for?

I get these once a week from ARRL.

Good luck!  
Gerry, K1LR0  
PHX AZ

-----  
Date: Sat, 21 Aug 1999 20:18:33 EDT

From: KF4EIB@aol.com  
To: tenten-1@lehigh.edu  
Cc: klqrp@waterw.com, qrp-1@lehigh.edu, tentec@contesting.com  
Subject: [48165] WTB : Vibroplex Iambic Paddle  
Message-ID: <ca34c803.24f09bd9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings to all of Ham Town,

I am looking for a used Vibroplex Iambic Paddle  
Price and info if you will be willing to part with such a jewel.

Please reply to my e-mail address.

Thanks es 73,  
Gordon kf4eib

-----  
Date: Sun, 22 Aug 1999 00:12:53 -0400  
From: wa8rxi@juno.com  
To: microres@crl.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [48166] Re: DX Expedition lists or information ?  
Message-ID: <19990822.001500.-144523.0.wa8rxi@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Stan,  
Try [www.dx-central.com](http://www.dx-central.com)  
There's alotta good info there.  
>From that site and 425-433.cfm file:  
TI2CDA, TI2WGO, TI5KD, KF4TUG & KM9D have been granted permission to  
operate  
from the biological reserve of ISLE DEL CANO (NA-117) until August 23.  
QSL via TI5KD.  
And, you worked them QRP of course!

GL es 72

Rick - WA8RXI Taylor, MI.  
Blue, Orange, Green, Brown, Slate!  
White, Red, Black, Yellow, Violet, Mate!

=====

On Sat, 21 Aug 1999 16:05:09 -0700 (PDT) Stanley Wilson  
<microres@crl.com> writes:  
>Is there a web site that lists current DX expeditions ?  
>  
>I checked the ARRL, but not much. When I use to chase DX their were a  
>  
>few who published weekly lists, does that still go on ??  
>  
>Anyway worked a TE8CI who said he was on a DX expedition, but web and  
>  
>arrl search came up with nothing.  
>  
>Thanks lots of strange calls on the band anymore.  
>  
>de stan ak0b  
>

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Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----

Date: Sat, 21 Aug 1999 20:28:14 EDT  
From: GElam30092@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48167] cheap carrying box  
Message-ID: <a1360b6f.24f09e1e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I've been looking for a small carrying case to put my DSW-40 and other items in. I wanted some a little larger than a food-type/tupperware container that is suitable of air travel as a carry-on but small enough to fit in a suitcase if necessary.

Was at Target getting some \*stuff\* when I spotted a "Power tool case with built-in organizer. This is made for drills, saber saws, etc.

The main compartment is about 13" by 9" and is about 3 inches deep. The organizer is 10 small compartments and has a latch-type lock. Manufacturer is ZAP and the price was \$6.99 on-clearance from \$9.99.

Hard to beat at that price..... YMMV & usual disclaimers.

Cheers,  
Gerry

-----  
Date: Sat, 21 Aug 1999 20:40:30 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [48168] finding mini altoids tins  
Message-ID: <37BF46FE.11EE0ACE@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For those of you looking for the MINI Altoids tins, you can find them at Target but you have to really look.

At our Target they were in the TOYS section. At the end of a display stand (but not ON the end). They were in a somewhat large GREEN display that had 5-6 columns of them. One of these devices where they are stocked from the top but the consumer is supposed to pull them out from the bottom. (And in this case, I think the customer has too.) They were \$1.29 and the display says for a limited time. (I stocked up of course. My wife looked at my kind of strange. You'd think after 22 years of this craziness, she would understand. And she's a ham (KD4WGU).)

The mini tins are about 40-45% the size of a regular Altoids and not quite as high. Really cute. Just the right size to put a Pixie board into if you lay the crystal etc over very carefully. WITHOUT the battery. But you could put the battery in another one, a mini antenna tuner in another, a keyer in another. You'd have a CW radio Altoid TRAIN. (Now I am getting silly.)

Anyway, go for it.

Michael - N4NMR

-----  
Date: Sat, 21 Aug 1999 20:43:23 EDT  
From: GElam30092@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48169] Re: finding mini altoids tins  
Message-ID: <6b6c5f75.24f0a1ab@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 8/21/99 5:41:17 PM US Mountain Standard Time,  
bowerm@ix.netcom.com writes:

<< At our Target they were in the TOYS section. >>

Target must be a popular place for QRP-folks! :-o)

Gerry  
PHX AZ

-----  
Date: Sat, 21 Aug 1999 18:03:38 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: wa8rxi@juno.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [48170] Re: DX Expedition TE8CI  
Message-ID: <Pine.SUN.3.91.990821175737.6880A-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Aug 1999 wa8rxi@juno.com wrote:

> from the biological reserve of ISLE DEL CANO (NA-117) until August 23.  
> QSL via TI5KD.  
> And, you worked them QRP of course!

Sure did with 10 watts PEP and a old 14AVQ trap vertical mounted on the ground.. Told them I was running QRP and they said nice 5x9 signal. They told me that they had five (5) earthquakes on the Island since they got there and one was over the 5 level. Said tomorrow was their last day, seem kind of happy when he said that. Hi

Thanks, 73 de stan ak0b

-----  
Date: Sat, 21 Aug 1999 20:10:00 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>



To: qrp-1@lehigh.edu  
Subject: [48171] HELP: OHR-400 Drift Problems  
Message-ID: <AFGFKJCHHCEDBAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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<http://www.eudoramail.com>

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Date: Sat, 21 Aug 1999 20:17:18 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu  
Subject: [48172] HELP:OHR-400 Drift Problems  
Message-ID: <HMJMBJJHNIEDBAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

All,

Sorry for that last blank message which I accidentally sent to the list.

I have had some victories troubleshooting my OHR-400. I fixed the problems which manifested themselves as (1) no T/R switching and (2) no transmit or receive on 20M. Now, all four bands work and switch just fine! Both problems were related to pulled/damaged metal traces. It was quite a good feeling to find and repair these gross problems.

But now I have another problem. The thing drifts quite badly. It drifts both on transmit and receive, enough that I have to readjust the tuning knob over the course of the other person's transmission. And he/she has to use their RIT to chase me around. The frequency goes up and down, somewhat randomly, sort of like a drunk. Not consistently in one direction. At one point I thought it got better

with warmup time but today it seemed to stick with me for several QSO's and not go away.

Anyone else had this problem? Any thoughts, comments? I'll be calling OHR on Monday but was hoping someone out there can help me exorcise this last demon from the new rig!

Thanks in advance,  
Joel NF9K

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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Date: Sat, 21 Aug 1999 18:33:48 -0700  
From: Mighty Mik <mitymik@wenet.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [48173] OT: 811 as audio tube...  
Message-ID: <37BF537E.B9570C96@wenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

i once had 3 Stromburg Carlson (sp) line drivers...these came out of a drive-in. they had 70V out so you could string up a PA line. I had thought of using them as a guitar amp...but didn't get around to researching the idea. So, if you're a boomer that went to the drive-in, you may have been listening to a pair of 811s.

btw EACH of the 3 had a pair of 811s

--

@@  
72/73 de Mick, WD8MNV/6      QRP-L #1673      QRP-C #118      ZOMBIE #441  
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.  
Aeropac #111      Tripoli #3071      Level 2      GRID CM87

-----

Date: Sat, 21 Aug 1999 20:14:45 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Cc: cqclist@cqc.org  
Subject: [48174] SOLAR: Big flare today  
Message-ID: <Pine.SUN.4.10.9908211944160.26950-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Some of the active regions on the sun 3-4 weeks ago are re-emerging and once again causing some large flares. There was an M-9 (that's almost an X-class flare) yesterday about 5pm MDT, or just after yesterdays solar report was issued by NOAA. Excerpts of today RSGA report follow:

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 233 ISSUED AT 2200Z ON 21 AUG 1999  
  
> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100Z  
> TO 21/2100Z: SOLAR ACTIVITY WAS HIGH. REGION 8674 (S24E66) PRODUCED  
> AN M9.8/1N EVENT WITH AN ACCOMPANYING TYPE II SWEEP (700 KM/S) AT  
> 20/2310,

A TYPE II sweep is radio emissions that sweep downward in frequency from around 300MHz into the HF band at 10-20MHz per second, and thus sound more like slow ignition noise interference as they quickly sweep past your frequency (if you were on the air). They are caused by the shock wave from a flare, blowing particles away from the sun, crossing the sun's magnetic field lines (and the field lines of the disturbance) that causes radio emissions. How low in frequency the sweeps are heard tells you how far away from the sun's surface the shock wave has traveled, and from this you can calculate how fast the shock wave is traveling. In this case, the shockwave was traveling at 700KM per second, or fairly fast. These expelled particles may ride along the solar wind to hit the Earth in a couple of days, like Monday afternoon to evening. If the density of this shock wave of particles is high, combined with speed, it could trigger a geomagnetic storm. Ground based and satellite observations may be able to predict the trajectory of the shockwave over the next day.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE  
> MODERATE WITH AN ISOLATED CHANCE OF AN X-CLASS EVENT FROM REGION  
> 8674.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z:  
> THE GEOMAGNETIC FIELD WAS QUIET TO UNSETTLED. THE GREATER THAN 2 MEV  
> ELECTRON FLUX AT GEOSYNCHRONOUS ORBIT WAS AT HIGH LEVELS FOR THE  
> ENTIRE PERIOD.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
> EXPECTED TO BE QUIET TO UNSETTLED.

This suggests NOAA is not particularly concerned that this M9 flare will impact the Earth and cause much of a disturbance ... as least right now!

> IV. PENTICTON 10.7 CM FLUX  
> OBSERVED 21 AUG 161  
> PREDICTED 22 AUG-24 AUG 165/170/175  
> 90 DAY MEAN 21 AUG 163

The solar flux goes through a 28-day cycle. We hit minimum a few days ago with a SF of 130, and now appears to be heading back up towards its maximum in about 2 weeks. Already at 161, the higher bands should start improving. The next solar flux minimum will be about this time next month (Sept 15th or so). This cycle's maximum could exceed 200 for the solar flux, or quite good. Therefore, from now for the next 3 weeks, propagation on the higher bands will be good.

> V. GEOMAGNETIC A INDICES  
> OBSERVED AFR/AP 20 AUG 022/033  
> ESTIMATED AFR/AP 21 AUG 010/010

Yesterdays A-index is a bit short of a minor geomagnetic storm, but still high enough to make 40M and below kinda cruddy (not exactly a scientific term! But we all know what that means.) The A-index is expected to be around 10 next 3-4 days ... NOT COUNTING further disturbances from the ongoing coronal streams we've been experiencing, or effects from yesterdays solar flare. But the lower bands should be settling down compared to the last rather noisy week we've had.

I've received email from a couple of our VE friends reporting the coronal streams have caused some enhanced auroral activity for them.

These posts are simply to explain the daily reports from pertinent activity and an excuse to describe aspects of the solar and geomagnetic phenomenon. It is not a warning to stay off the air. If a really big one hits that warrants an "unplug your antenna now" message, I'll let you know -hi. I often get email thanking me for these descriptions, which I truly appreciate, and glad so many are learning from them, piecing things together and finding them interesting. It forces me to learn more and more about it all as well.

72, Paul NA5N

National Radio Astronomy Observatory  
Very Large Array (VLA)/Very Long Baseline Array (VLBA) Radio Telescopes  
Socorro, New Mexico

Above information is not an official press release of the observatory,  
though it has been officially approved by Juan Garcia's Green Chili  
Pickers Union 1213.

-----  
Date: Sat, 21 Aug 1999 22:10:29 -0400  
From: dfirlik@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [48175] Clegg FM-27B Manual  
Message-ID: <19990821.221115.-138315.5.dfirlik@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The manual has a new home.

Don K8AQZ  
Grand Rapids, Michigan

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sat, 21 Aug 1999 19:17:12 -0700 (PDT)  
From: Bob Kimbrell <kimbrell@netcom.com>  
To: Stanley Wilson <microres@crl.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48176] Re: DX Expedition lists or information ?  
Message-ID: <Pine.3.89.9908211940.A29038-0100000@netcom10>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Try <http://www.dxbands.com/>

-----  
Date: Sat, 21 Aug 1999 21:32:20 -0500

From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48177] NC-20 - Section 6 VFO frequency  
Message-ID: <37BF6134.B3A3F27E@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

I'm in the process of building a NORCAL NC-20 which Chuck has had sitting around still sealed in the bag. I figured out right off that the kit was missing the J310 FETs. I found some on my junk box. I know for a fact that these J310s have been sitting in the same bag since 1984, so I was concerned if they would work (and I sold my scope a year ago).

The short answer for anyone who may need the info:  
At the end of Section 6, for the testing, with TC1 fully meshed, my VFO was running at 5.145 Mhz per my HF-150 receiver in USB, the voltmeter measured 1.9 volts at the RF test point and the J310s work fine.

Back to soldering :-)

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sat, 21 Aug 1999 21:29:19 -0700  
From: Don Trammell <dtrammel@traveller.com>  
To: k7qo@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48178] Re: DSW-XX and RHR owners  
Message-ID: <37BF7C9F.4D63@traveller.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Chuck wrote:

> Take the crayon and rub it on each letter until the groove is  
> filled with material. Then take a Kleenex (tm) and rub the surface  
> clean of the excess crayon. Makes a nice filled lettering and to  
> me more visable at all lighting levels.

I prefer to use liquid paper, wipes clean with rubbing alcohol & is very permanent when in crevices. I learned that trick back when I was racing cars & doing lots of engine work, those timing marks sure can be hard to read without a little help!

72/73, Don T. AI4CW

-----  
Date: Sat, 21 Aug 1999 22:41:21 -0400  
From: "Mark Bellamy" <mark@intermediatn.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [48179] QRP Design  
Message-ID: <001b01beec47\$d36cab20\$0100a8c0@intermediatn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm extremely interested in learning how to design QRP transceivers. I have a strong background in electronics yet need more info on RF and how actually to design RF circuits on my own with the help of simulation software. I am experienced with the PSPICE simulator. Its how to design oscillators, IF strips, modulators, and so on is what I need help with. I understand transistors and know how to set bias levels etc... What I don't understand is how to know what components to select. I don't have as much of an interest in building pre-designed radios as I do in designing my own then building and testing them. I am in search of radio design knowledge. What should I do or buy?

Thanks,  
Mark Bellamy  
KT4AV

-----  
Date: Sat, 21 Aug 1999 19:44:57 -0700 (PDT)

From: Bob Kimbrell <kimbrell@netcom.com>  
To: Mighty Mik <mitymik@wenet.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48180] Re: OT: 811 as audio tube...  
Message-ID: <Pine.3.89.9908211911.A29038-0100000@netcom10>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Back in the Civil Defense days of the 60's we used to have a trailer mounted PA system (in Downey, California) that had a whole bunch of 811's powered by their own gasoline generator. We used to put the speakers up on a water tower and it could be heard several miles away! We all ran around with Gonset Communicators for the drills. What fun & what great memories!

Bob Kimbrell, KD7AHO, Kingman, Arizona  
Formerly WB6PTZ WB7EEA

-----  
Date: Sat, 21 Aug 1999 19:45:16 MST  
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [48181] Heath HW-7/8/9 P/S pricing  
Message-ID: <19990822024517.86770.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

What is the current pricing on power supplies for the HW- series from Heathkit. I have three power supplies (110VAC to 12+V DC) that go in the next listing of QRP gear for sale. I don't want to give them away and I don't want to ask too much either. I probably won't get back what I paid for them....

FYI

Offline, please.

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

-----  
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-----  
Date: Sat, 21 Aug 1999 22:15:42 -0500  
From: Danny K Ayers <dannyayers@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [48182] OT: AEA CK-1 Keyer  
Message-ID: <19990821.221543.-520759.0.dannyayers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

Anyone by chance have an extra manual for this old keyer, or willing to copy the pertinent pages? I've scoured the net to no avail. I'll be more than happy to cover costs.

Thanks and 73,

Danny -WX4P  
Huntsville, AL

-----  
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-----  
Date: Sat, 21 Aug 1999 21:01:34 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: rwc@frii.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48183] Re: ARCTIME: GROUP BUY UPDATE #4  
Message-ID: <37BF761E.80849F0E@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Interesting: Map suggests marginal coverage in LA area, likely due to 10,000 ft mountains to the east, and near. Here near the ocean, I do get good reception with the RS WWVB clock.

Phil

Rod Cerkoney wrote:

>  
> Folks:  
>  
> The requests keep coming in, and the number of clocks "ticks" upward, we're  
> up to 50!  
>  
> I've attached the latest version of the FAQ. I've incorporated the info  
> supplied by Bill, W1PA, he owns two and is getting a third. Check out the  
> question regarding WWVB and its coverage; I provide links to NIST. There you  
> will find a coverage map, and pictures of the WWVB site. Check out the  
> picture of those COAX reels, definitely NOT QRP!  
>  
> I'll put out one more update tomorrow (late night). Then I'm on vacation &  
> \_NOT CHECKING EMAIL\_. I return 01-SEP and will have another UPDATE then.  
>  
> SRI IF THIS IS A DUP, I SENT IT AT 7AM, 11AM & 1PM BUT HAVEN'T SEEN IT ON  
> THE  
> LIST YET.  
>  
> ---  
> 72/3 Rod, N0RC  
> da di dah  
>  
> GROUP BUY FAQ: WWV Clock from Arcron  
>  
> Last update Fri, August 20, 1999  
>  
> Author: Rod Cerkoney, N0RC (Group Buy Coordinator)  
>  
> NOTE: ALL DATA VERIFIED VIA PHONE CALL TO SUPPLIER  
>  
> Bill, W1PA a current owner of 2 of these clocks sent me a nice note  
> with information about how they work. This FAQ includes data from  
> Bill and is so marked.  
>  
> 1. Does the clock do 24HR format?  
>  
> YES when in UTC Mode. When in "Local Time Mode" the display is AM/PM  
>  
> 2. Where can I see and read more about the clock?  
>  
> <http://www.arctime.com/zeittravel.htm>  
>  
> 2a. I looked at the web page, I don't see how the "10's" digit of the  
> hours display can display anything but a "1"!?!  
>  
> From Bill W1PA:  
>

> The clock displays 24 hr format when in UTC mode. It's not clear in  
> the web picture, but the BCD display on the left hand digit is set  
> up like this:

```

>   ---
> | am |
>   ---
> | pm |
>   ---

```

> ... so it is capable of displaying the left hand "two" in 24 hr mode.

> 3. When will I receive the clock?

> Some time after 05-Sep-1999 that is when the order will be placed

> 4. How much will it cost.

> Right now abt \$54 shipped CONUS. International deliveries, if any, will  
> have to be more. If we can get 100 or more I can negotiate an lower  
> price.

> 5. How do I participate in the group buy.

- > o send an email with your intention to buy now.
- > o On 02-Sep-1999 I'll tally the orders negotiate final price and  
> inform all buyers, by email, of the final price. That email will  
> include instructions of where to send your payment.
- > o Payment will be by Check or MO

> 6. Will Arcron honor the 30day guarantee for the group buy?

> YES but I (the buyer) will have to do that. Bad for me (more work)  
> good for you. Hope we can keep that to minimum, please?

> 7. What kind of batteries does the clock require?

> From Bill W1PA:

> They use 2 AAA each, and so far have been on almost a year with the  
> same set of batteries.

> 8. Is the radio susceptible to 30m interference?

> SRI no data available. FWIW this clock listens to the WWVB signal on  
> 60kHz. For more info abt WWVB see:  
> <http://www.boulder.nist.gov/timefreq/wwvstatus.htm>

>  
> 9. How often does the clock correct itself?  
>  
> Once per day, early in the morning. The RCVR can be activated  
> manually by pressing the clock's "+" "-" keys. This is not covered  
> in the manual.  
>  
> 9a. I live in \_\_\_\_\_ (fill in your QTH) will the clock RX WWVB?  
>  
> From Bill, W1PA:  
>  
> The clock works off of 60KHz, not 10 Mhz. From Ft Collins CO, set  
> near a window, it has no problem updating in New England. It updates  
> at 0100, on whatever timezone it is set. It will also try again at  
> 02hr and 03 if unsuccessful, I believe.  
>  
> The antenna is in a little swingout bar at the bottom of the clock  
> which holds it upright when on a desktop.  
>  
> From Rod, N0RC  
>  
> For a coverage map of WWVB check this web page:  
> <http://www.blrdoc.gov/timefreq/wwv/upgrade-picts/day.gif>  
>  
> Also check out some other interesting pictures available at:  
> <http://www.blrdoc.gov/timefreq/vbpicts.htm>  
>  
> Check out those COAX spools, WOW!  
>  
> 10. I've heard the clock is on close-out and is being discontinued, WHY?  
>  
> The manufacturer in Germany is discontinuing the clock, because the  
> product is "getting old", 4 or 5 years, parts are running low and  
> they want to do new stuff.  
>  
> 11. I've sent email to Rod, N0RC asking some questions, but haven't  
> heard from him. WHY?  
>  
> Rod is on vacation 23-Aug-1999 thru 01-Sep-1999 and is NOT checking  
> email. I will answer your question(s) as soon as possible after  
> 01-Sep.  
>  
> 12. Do I really need a clock this accurate?  
>  
> Some say yes, others say no. The consensus is, we just want one, for  
> the same reasons we want 4 or 5 QRP rigs, a K2, DMMs, Radios from  
> Icom, Yaesu, Kenwood, towers, beams, ATV equipment....etc.  
>

> With no offense intended toward anyone, let's face it we're techno  
> geeks any we enjoy playing with this kind of stuff!

>  
> \* \* \*

-----  
Date: Sat, 21 Aug 1999 22:11:24 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu, CQCLOWDOWN@aol.com, brasspounders@e-groups.com, cw@qth.net  
Subject: [48184] Command Post Update  
Message-ID: <199908220410.WAA08955@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

I've updated the N1FN "CW Command Post" and new pictures are on the web site at  
<http://www.cqc.org/library/cp.htm> . The update is at the bottom of the page.

For those of you who haven't seen it, it is an "integration" of several CW  
operating aids into one control box with multiple key lines and (now) audio  
inputs for up to four separate rigs. The active components are a CMOS III  
keyer with Island Memory, and an OHR SCAF filter with audio amplifier.

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382

--

-----  
Date: Sat, 21 Aug 1999 21:46:06 -0700  
From: DONALD I ROHER <donroher@juno.com>  
To: w6toy@erols.com, qrp-l@Lehigh.EDU, bonroher@juno.com  
Cc: donroher@juno.com  
Subject: [48185] Re: Wrangell Island 03-19 Sept.99  
Message-ID: <19990821.222553.6502.1.DONROHER@juno.com>

Yes there are two, Wrangell and Wrangel Islands. Duke Eric Von Wrangell  
being a fur trader spent time in both places. Wrangell Island has been

owned (?) by five countries.

On Sat, 21 Aug 1999 21:00:40 -0400 Bruce Muscolino <w6toy@erols.com>  
writes:

>Don,

>

>Some years back I used to work some UA9's on Wrangell Island. Is it

>now an American possession or there two of them?

>

>73

-----  
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-----  
Date: Sat, 21 Aug 1999 21:39:23 -0700

From: DONALD I ROHER <donroher@juno.com>

To: tahrens@hilconet.com, qrp-1@Lehigh.EDU, bonroher2@juno.com

Cc: donroher@juno.com

Subject: [48186] Re: Wrangell Island 03-19 Sept.99

Message-ID: <19990821.222553.6502.0.DONROHER@juno.com>

I sure am, I had a ranch at Cave Creek in those days. I was assigned to DCAS, a Federal organization used to over see Defence contracts. I bought intragrated circuits for the Fed. Govt., at that time I had an office in the Motorola Plant in Mesa.

I was transfered to the F.A.A. from there..... I now head the F.A.A. Y2K effort for Arizona and S. Cal. I work out of San Diego and will retire in April after abt. 34 years of Federal service..

I am sure there are more of us out there.....

On Sat, 21 Aug 1999 03:40:07 -0500 Tim Ahrens <tahrens@hilconet.com>  
writes:

>Hey Don - are you the Don Roher of the Milspec folks?

>

>If you are, I came out to your place in Phx many years ago.. I

>was doing a project with Ulrich & also work at Motorola here in

>Austin.

>

>If you aren't, please press the <del> key! :-)

>

>tnx,

>  
>Tim W5FN

---

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---

Date: Sun, 22 Aug 1999 02:20:42 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [48187] VK5FE/QRP  
Message-ID: <19990822.061648.4503.8.n4so@juno.com>

Fred VK5FE/QRP at 0519Z on 14.060 working several  
stations QRP to QRP.

NC-20 at 5 watts.  
Ken Brown  
qrp-l 622/ nr Mobile, AL

---

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---

Date: Sun, 22 Aug 1999 08:00:05 +0000  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [48188] Simple mod for jumpy KC-2 S-meter  
Message-ID: <37BFAE05.3593@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Here is a simple, but effective mod for those who think their KC-2  
S-meter is a bit too jumpy attacking on all noise bursts.

Simply add a 1k resistor in series with S-meter detector diode D1 on the  
KC-2 board.

The KC-2 in my Sierra is from the NorCal field test: Rev. A, 7-31-96.

Looking at the KC-2 from the front, D1 is on the very left edge of the back board, so it's very easy to get at. You don't need to dismount the KC-2 at all. Just cut one end of D1 right above the board, bend it upwards, clean the free hole and solder one end of the resistor in the free hole. Solder the other end of the resistor to the free end of the diode. It's just a short stump that's left to solder to, but these diodes usually survive a little abuse .... If you do manage to destroy D1, no big deal ... reach for the junk box and find another one. Any silicon signal diode should do.

Upon checking an AGC detector schematic from 'Solid State Design' I chose the value of the resistor to be 1/10th of the 'bleeder' resistor R5 (in parallel with C5 ), i.e. 1000 Ohm. I didn't try any other values, but it would be easy to temporarily use a trimmer and experiment a little.

The bar-graph S-meter now no longer attacks on each and every noise pulse. You may need to readjust the S-meter CAL pot on the KC-2.

good luck,

--

Arjen Raateland

OH2ZAZ

SAS Support

Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

P.S. More recent versions of the KC-2 may very well be different.

-----  
Date: Sun, 22 Aug 1999 04:22:04 -0400 (EDT)  
From: Jim Fielden <fielden@utkux.utcc.utk.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48189] Scout Modules Wanted.  
Message-ID: <Pine.GS0.4.10.9908220420010.11996-100000@moe.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have any modules for a 555/556 Scout/Argo for sale? I'm looking for 15 and 30 meter mostly but may be interested in other bands.

Tnx es 72

Jim, KU4QW

fielden@utkux.utcc.utk.edu



<http://www.qsl.net/ku4qw/>

-----  
Date: Sun, 22 Aug 1999 05:17:18 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [48190] KH7L Kure Island  
Message-ID: <19990822.091330.7359.2.n4so@juno.com>

KH7L  
14.060.5 at 0706Z working the KCJ/ Japanese contest.  
Too weak to work QRP. Also some Japanese stations are  
calling CQ contest on and around 14.060 - signals 229, but there is a  
Pacific/Japanese path at 0700Z.

Ken Brown  
qrp-1 622/ nr Mobile, AL  
NC-20

-----  
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-----  
Date: Sun, 22 Aug 1999 02:38:53 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48191] Re: ARCTIME: GROUP BUY UPDATE #4  
Message-ID: <004201beec82\$25ec4f60\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have put in my order, but, today while in Fry's Electronics in Campbell here  
in  
the South Bay, I noticed they had some rather spiffy looking LCD digital alarm  
clocks that claimed to have atomic accuracy by virtue of their built-in WWV  
receivers.

They had a little antenna tower symbol as a signal strength indicator on the LHS

and looked about the same size as the ones we're lined up with. They didn't have an obvious way to get into UTC mode or 24hr mode, but these may be pcb options in the manner others have described previously.

These were only \$29.95 plus tax (of course!). Question is, are they as good as the ones we're getting in the group buy or not? Does anyone know? I have to go back there tomorrow, so I can find out the full data - it didn't occur to me at the time to do this (duh on me, eh?). Maybe I'll even waste the \$33 and buy one to play with. More later...after I have done the due diligence.

72, Dave Fifield, AD6A

-----  
Date: Sun, 22 Aug 1999 21:03:14 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48192] Clock Accuracy  
Message-ID: <37BFD8F2.605D3578@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

Everyone (except Bruce) has echoed my sentiments. To this end could one and all equipped with general coverage receivers please monitor these frequencies and give me back usual reports plus your location.

V.N.G. (N.S.W. Australia) transmits on 2500Khz, 5000Khz, 8638Khz and 16000Khz. I would be especially grateful if those equipped with short wave receivers could give me some RST reports on those frequencies along with U.T.C. . This is for a project I have had in mind for several years. In fact ever since I joined the V.N.G. Users Consortium back whenever. Your help here would be much appreciated.

Some frequencies close down for certain periods during day. 5000 Khz of course conflicts with WWNB etc. (How is the FB ratio of your antenna?)

The signal if listened to for a period consists of:

1Khz AM modulation tone - 500 ms AFTER exact atomic minute, i.e. start of pulse denotes minute.

tones from 20th second to 35th second (from memory) are in BCD format to

give exact time in UTC starting next minute and day of year. 200 ms = 1  
and 100 ms = 0

I will dig out format later and if sufficient interest will put it on my  
web page.

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the  
devil and represent all that is evil about the Web. The remaining two  
experts are agnostic and think that frames are just a stupid idea" -

-----  
Date: Sat, 21 Aug 1999 12:51:37 -0700

From: w4bws@juno.com

To: neal@sacon.net

Cc: qrp-l@Lehigh.EDU

Subject: [48193] Re: DSW-XX and RHR owners

Message-ID: <19990822.093946.-325955.1.w4bws@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

That's a glowing remark.

On Fri, 20 Aug 1999 18:15:01 -0700 Neal Sacon <neal@sacon.net> writes:

>Crayons are for kids. I filled mine with radium.

>

>; )

>

>73

>Neal N7RX

>

>>

>

Don Sanders W4BWS

694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Sun, 22 Aug 1999 09:18:18 -0500 (EST)  
From: bob evinger <revinger@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [48194] hu4u or ea4ure  
Message-ID: <Pine.LNX.4.04.9908220914440.889-100000@wd9eka.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked hu4u on 20 rtty last night at 3 watts. QRZ  
didnt have his address or his qsl managers. Anybody  
know where he is or have ea4ure's address?

It was kind of funny he was sending like he had a pile up,  
just signal report, but I left the radio on for a good 5 minutes after  
I worked him and only heard him work only other station a DL.

72  
bob

Bob Evinger    WD9EKA        Marshall, Illinois

-----  
Date: Sun, 22 Aug 1999 09:38:40 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: revinger@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48195] Re: hu4u or ea4ure  
Message-ID: <37C00B70.AB7339A9@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

bob evinger wrote:

>  
> I worked hu4u on 20 rtty last night at 3 watts. QRZ  
> didnt have his address or his qsl managers. Anybody  
> know where he is or have ea4ure's address?  
>  
> It was kind of funny he was sending like he had a pile up,

> just signal report, but I left the radio on for a good 5 minutes after  
> I worked him and only heard him work only other station a DL.  
>

El Salvador YS - HU4U will continue to be active until Aug 23.

A group of EA and YS operators will be in El Salvador 16-23 August to rebuild the digital network which was devastated by hurricane "Mitch." They will operate 6-160 meters on CW/SSB/RTTY as HU4U. RTTY frequencies will be 7034, 10114, 14084, 18094, 21084, 24924, and 28184. QSL via EA4URE.

Buckmaster has qsl address as follows:

UNION RADIOAFICIONADOS ESPA OLES  
Box 220  
MADRID, Madrid E-28080  
SPAIN

If he seemed in hurry, it may have been because there was a big DX contest on Rtty yesterday.

73 de Dave, N0IT

-----  
Date: Sun, 22 Aug 1999 07:43:29 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: fifield@pacbell.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48196] Re: ARCTIME: GROUP BUY UPDATE #4  
Message-ID: <37C00C91.C7A512E9@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks, Dave.

Funny re "South Bay". I live in the "South Bay" (LA area); the Fry's here has very poor parking; to be avoided at busy times. BTW .. I've been to the Fry's you mentioned, too .. plus one in Fremont, one in Sunnyvale and several in SoCal: Sure are lots of them.

Yeah, the 24 hr UTC is a big deal; I have the RS model but another one w/out 24 hr UTC is not in my future; please keep us posted.

Happy Red Hotting :-); looks to be a real nice rig.

Phil W70X

Dave Fifield wrote:

>  
> I have put in my order, but, today while in Fry's Electronics in Campbell here  
> in  
> the South Bay, I noticed they had some rather spiffy looking LCD digital alarm  
> clocks that claimed to have atomic accuracy by virtue of their built-in WWV  
> receivers.  
>  
> They had a little antenna tower symbol as a signal strength indicator on the LHS  
> and looked about the same size as the ones we're lined up with. They didn't  
> have an obvious way to get into UTC mode or 24hr mode, but these may be  
> pcb options in the manner others have described previously.  
>  
> These were only \$29.95 plus tax (of course!). Question is, are they as good as  
> the ones we're getting in the group buy or not? Does anyone know? I have to  
> go back there tomorrow, so I can find out the full data - it didn't occur to me  
> at  
> the time to do this (duh on me, eh?). Maybe I'll even waste the \$33 and buy one  
> to play with. More later...after I have done the due diligence.  
>  
> 72, Dave Fifield, AD6A

-----  
Date: Sun, 22 Aug 1999 10:49:48 -0700  
From: w4bws@juno.com  
To: mitymik@wenet.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [48197] Re: OT: 811 as audio tube...  
Message-ID: <19990822.105851.-325955.4.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just imagine the size and weight of that output transformer.  
I bet Peter Dahl could make one if anyone needed one. It  
would just be a modification of an 811 modulation transformer.  
HMMM, what happened to that old ART13 mod xfmr?  
Don W4BWS

On Sat, 21 Aug 1999 18:33:48 -0700 Mighty Mik <mitymik@wenet.net> writes:  
>i once had 3 Stromburg Carlson (sp) line drivers...these came out  
>of a drive-in. they had 70V out so you could string up a PA line. I had  
>thought of using them as a guitar amp...but didn't get around to

>researching the idea. So, if you're a boomer that went to the  
>drive-in, you may have been listening to a pair of 811s.  
>btw EACH of the 3 had a pair of 811s  
>--snip--

Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Sun, 22 Aug 1999 11:12:23 -0400  
From: Tom M <tjmc@erols.com>  
To: k7qo@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48198] Re: DSW-XX and RHR owners  
Message-ID: <37C01357.DA510190@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> What I wanted was a slightly  
> higher contrast at angles of 40 degrees are so from the direct  
> normal to the face. A Crayon will do nicely, so if you have some  
> kids that have a box of same then tell them the parental unit  
> would like to borrow just a tiny amount of white to use of the  
> little bitty radio.

I always found that "White-out" or type correction fluid to work well.  
The liquid sets up to a self binding, brite white solid which fill small  
groves nicely.

Nice thing is the white-out has a brush to apply with and then you wipe  
off the excess before it sets... worse case is to use alcohol with a  
tooth brush to remove and try again if messed up.

72/3  
Tom aa2vk

-----  
Date: 22 Aug 99 11:24:30 EDT  
From: Roy Lincoln <wa4dou@usa.net>  
To: Davewb4@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48199] Re: [DISASTER]  
Message-ID: <19990822152430.22109.qmail@nwcst312.netaddress.usa.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi Dave,

Sorry to hear about your partial loss of the tower. Considering your years as a ham and all of them with a yagi or quad, you have been fortunate. I've been a ham for 38 years, and am just now about to have a tribander on a tower. With the exception of 10 meters and up, i've only had verticals, and an assortment of wires. I don't recommend the G5RV because it uses coax and is lossy stuff when you want to feed a multiband antenna that is not resonant on each band. Many users of the G5RV, don't realize that they have losses on some bands , in the range of 2-4 db., this due to coax feed. I had a G5RV that i made a couple of years ago. Mine had under 2:1 VSWR on 20 meters and well under that on 80 meters. It worked ok on 40, 30 and 15, the other bands that i tried it or used it on. But it also had , like i said, 2-4 db of loss, especially on 30, 15 and the upper warc bands and 10.

A better antenna would be a G5RV length, or better, dipole or inverted v, fed with ladderline(windowline).

With all the hams around the country that are living in deed restricted communities or neighborhoods, why not consider advertising your house/property to hams. I should think it would be of service to our hobby to have non-deed restricted property remain in the hobby, so that one day we don't all wake up to find ourselves with minimal antennas.

Oh, well! Back to work. Got a rented "mini-trencher" and am burying 400-500 ft. of #2 in the backyard. Have driven 3 8 ft. ground rods and have at least 21 to go(plus 3 20 footers too!) =

73 Roy Lincoln WA4DOU Elm City, N.C.



=

=

=

=

Davewb4@aol.com wrote:

Hi Gang: Came home from one day trip to Atlanta last night & found the to=  
p 30

feet

of the 25 year old Hights tower in the front yard. also the 4 year old =

Lightning Bolt =

Quad buried into the grass. Seems a bad storm came through the area and t=  
he =

winds must have been wild. Hope.....

=

---

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Sun, 22 Aug 1999 09:09:16 MST  
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>  
To: fifield@pacbell.net  
Cc: qrp-1@lehigh.edu  
Subject: [48200] Re: ARCTIME: GROUP BUY UPDATE #4  
Message-ID: <19990822160916.51784.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Dave et.al.,

The clock that you are looking at is the Oregon Scientific  
and it does not have 24 hr format nor does it do GMT. Fry's  
has had them on sale in Dallas for \$19.95...

Also, if your Fry's is like ours there is another version of the

same clock that projects the time on the ceiling or wall. :-)  
This is for those people that wake up in the middle of the night  
and have just gotta know how long before the alarm goes off. :-)

If one can do the local to UTC conversion, with and without daylight  
savings factor, then it is a good buy. Might help the rest of the  
family to know what time it is and to reset all the clocks in the  
house when the power glitches aperiodically. The longest I have  
had a computer system go without a power outage was 2.5 yrs at  
SGI and then some backhoe operator dug up the lines.

FYI

-----  
Get Free Email and Do More On The Web. Visit <http://www.msn.com>  
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Date: Sun, 22 Aug 1999 18:42:27 +0200  
From: "Hans Sundstrom" <hans.sundstrom@telia.com>  
To: <Davewb4@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48201] SV: DISASTER  
Message-ID: <199908221642.SAA07028@d1o22.telia.com>

Dave

Sorry to hear about your loss.  
Concerning the G5RV I think it is one of the absolutely best wire antennas I  
have ever been using. Covers 80 - 10 m with a tuner, a bit shaky on 24  
though if I remember it right. There is several varieties, for instance with  
different forms of ladder lines/coax feeders.

The two ones I prefer is done with 300 ohms twin lead or 450 ohms ladder  
line. I do not find the difference from the 600 ohms ladder line anything  
that really matters performance wise in practical use, and the 300/450  
versions are more stealth and much more easy to make.

Measurements that I have used for the 300 ohms twin lead is 2 x 15,36 m for  
the dipole part and 8,57 m for the 300 ohms line and then just a coax hooked  
directly to the 300 ohms line. If you use 300 ohms line with "windows" which  
is preferred because it gives you less detuning with water and ice, you  
should have that 9,3 m long since the velocity factor of that line is  
different from the "closed" type.

If I remember it right the length of 450 ohms ladder line I used was around

9,5 m, maybe a little longer, I do not have that figure readily available just now. If you use 600 ohms ladder you should use 10,36 m of that.

If you plan to use a linear I should prefer to use the 450 ohms ladder line. If you go QRP or 100 W the 300 ohms line is OK. In all cases you can just hook the coax directly to the ladder line.

It does not matter if the G5RV is sloping a bit, but remember that the ladder line always has to leave the antenna at 90 degrees compared with the dipole part, otherwise you change the characteristics of the antenna.

73/72 es GL

Hans / SM4ATJ

-----Ursprungligt meddelande-----

Fr n: Davewb4@aol.com <Davewb4@aol.com>

Till: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Datum: den 22 augusti 1999 00:25

mne: DISASTER

>with the Quad, so I have no experience with a wire. would appreciate any  
>input. G5RV??? Would like to cover as many bands as possible.  
>Thanks in advance

>73

>Dave Rogers

>WB4CHK

>Plantation, FL

-----  
Date: Sun, 22 Aug 1999 13:32:53 -0400 (EDT)

From: pilant@seesaw.zko.dec.com (L. Mark Pilant - MS ZK03-4/Y02 DTN 264-1529)

To: QRP-L@lehigh.edu

Subject: [48202] Re: wwvb receiver from parllax

Message-ID: <99082213325319@seesaw.zko.dec.com>

Greetings all. As I understand it, the WWVB receiver offered by Parallax is actually made by a company call Ultralink, and is their model 321S. The web page for Ultralink is:

<http://www.ulio.com/>

Ultralink makes several models all the way up the to model 333: complete with multi-line display, signal strength meter, RS-232 interface, and battery backup. Just what every shack needs. Oh yes. Their units \*do not\* offer the 60kHz signal for standard use. (Sigh, that is what I'd really like. :-)

73

- Mark N1VQW

-----  
Date: Sun, 22 Aug 1999 14:02:14 -0700  
From: Robert L Kellogg <ae4ic@nr.infi.net>  
To: klqrp <klqrp@vramp.net>  
Cc: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [48203] KL Net Tonight, August 15 Report  
Message-ID: <37C06556.8582758F@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

The Knightlites QRP net operates on 3.6864 MHz Sunday nights at 9:30 PM Eastern time. All check-ins are welcome, even QRO. If you want to check your rig, it's a great opportunity to hear a group of QRPer's from the eastern half of the country from south Georgia to Canada.

In spite of a lot of QRN, the Knightlite net was pretty active last Sunday. (8/15) The NCS was not very organized, so the net was a rather sloppy one. Please don't be discouraged, this week will be better.

The first check-ins at 9:30 were:

N3GO, Gary, Raleigh, NC, who reminded us of the upcoming QRPowWow.

AE4MX or AE4GX, or both. The QRN made copy tough, and he or they gave up.

KB4MHM

N2ICZ, Larry, New York, his first visit to the net.

W4WDN, Lyn, Willow Spring, NC, (Beach) who was in bad need of a QRP fix. He graciously relayed the information from the next QNI.

KF2PH, Nick, Long Island, NY, who checked in with 500MW.

AB4PP, Raleigh, NC, was heard in the background, but with the relaying going on, John Paul gave up before we could get him in the log officially.

N4SX, Randy, who called with 500mW from his QTH 130 Miles south of Atlanta.

WJ4P, Randy, Charleston, SC, was the last QNI, complaining about his Paddles :-), and the net was closed about 10:15PM.

It was a lot of fun in spite of the noise, complete with QRPp QNI's.

See you tonight!

72/73,  
Bob Kellogg, AE4IC Greensboro, NC  
Probably, not nececelery. - Benny Hill

-----  
Date: Sun, 22 Aug 1999 11:08:40 -0700  
From: Jeff Grudin <grudin@vdbbs.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [48204] OT: A smile is worth 1000 words  
Message-ID: <37C03CA8.9A1AE1BD@vdbbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I was camping last week at a campground in Morro Bay, CA. I had set up my rig on our picnic table outside our trailer. I anxiously waited for my sked to begin. I wasn't sure that I would make it.

When I had arrived at the campground, I was disappointed to find that it had no trees. My dipole would be useless. The campsite was located right on the beach. At 8am, coffee in hand, I ran into town and bought some PVC pipe and wire and made a free standing shortened dipole antenna. With no equipment (that won't happen again) I had no way to know where it was resonant, but the rig seemed to be putting out power.

The sked began and much to my surprise, my friend in MO was copying me fine. As we talked, I noticed a man was standing in the middle of the street with his head cocked and a strange smile on his face. When I

finished my sked, he was gone.

The next morning as we were packing to leave, he appeared again. This time he introduced himself. It turns out he was a military radioman and hadn't heard CW for 38 years. The sweet sound of CW had brought a smile to his face, just like it does to mine.

--

73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: http://www.vdbbs.com/~grudin  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Sun, 22 Aug 1999 15:16:27 EDT  
From: K2UD@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48205] Re: finding mini altoids tins(Mini-L project)  
Message-ID: <980b6ed3.24f1a68b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Speaking of Altoid trains, does anyone know the progress of the Mini-L project? Sounds like just the thing for an Altoids train.

72

Howard Kraus, K2UD

-----  
Date: Sun, 22 Aug 1999 16:29:08 -0400  
From: "Tom McCulloch" <tmccullo@suffolk.lib.ny.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48206] MFJ Hi-Q Loop Antennas  
Message-ID: <01cc01beecd3\$fffbb9c0\$995cad7@tmccullo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi All,

This may have been discussed before, however, I was wondering if anyone has any experience with the MFJ "Super High-Q Loop" Antennas. Notwithstanding the narrow bandwidth inherent in these designs, I 'd

appreciate any feedback. I thought the narrow bandwidth wouldn't be too much of a problem because I spend most of my time in the qrp portion of the cw bands.

MFJ has several models out now. The MFJ-1785 is about 3 feet in diameter and covers 10 through 30 MHz. They have a newer model, MFJ-1788 which 40 to 15 meters (I'm not clear whether it goes up to 10 meters or not).

Thanks in advance for any input you may have.

Tom  
WB2QDG

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End of QRP-L Digest 1556

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